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PHOTOGRAPHIC INTERPRETATION REPORT



FEBRUARY SUMMARY REPORT

SELECTED TARGETS
NORTH VIETNAM AND LAOS

NPIC/R-86/66

MARCH 1966

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GROUP 1 EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

PREFACE

This report provides a summary of photographic interpretation of selected COMOR targets and other targets in North Vietnam and Laos considered significant by the National Photographic Interpretation Center (NPIC).

Each installation report includes target name, geographic coordinates, WAC number, BE number (as appropriate), and NPIC number followed by the locator line, COMOR target number (as appropriate), and summary description suitable for the most recent mission included.

The date, mission number, photo reference data, and limiting conditions are given for each mission with OB information (as appropriate) listed directly above.

Only AAA defenses considered to be integral components of an installation are reported. They are divided

into three basic categories: light (ZPU-1, ZPU-2, ZPU-4, 37mm), medium (57mm, 85mm), and heavy (100mm and larger). The term HMGAA (heavy machine gun anti-aircraft) indicates a weapon smaller than a ZPU-1. When a category cannot be determined, the site is listed as an AAA site and the number of guns indicated (Ex.: 6-gun AAA site, occupied/unoccupied).

Targets are arranged 1) by country, 2) within the country by subject, 3) within the subject by WAC number, and 4) within the WAC number by geographic coordinates in ascending order.

An appendix explaining column headings, photo reference data, COMOR target numbers, and abbreviations for limiting conditions concludes the report.

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>-LAOS-</p> <p>AIR INSTALLATIONS</p> <p>SAM NEUA AIRFIELD</p> <p>2 NM EAST OF SAM NEUA.</p> <p>3,600 X 100 FT E/W SOD RUNWAY, SERVICEABLE.</p> <p>OB -- NONE OBSERVED.</p>	2025N 10404E	0616	25X1A	136-A
<p>MILITARY INSTALLATIONS</p> <p>MUONG LUONG NAM THA MILITARY CAMPS</p> <p>TWO MILITARY CAMPS REFERENCED FROM MUONG LUONG NAM THA SUBJECTED TO AIR STRIKE.</p> <p>CAMP A (IMMEDIATELY SE AT UTM) --</p> <p>WALLED CAMP CONTAINS 1 LARGE STORAGE BUILDING.</p> <p>NUMEROUS CRATERS OBSERVED IN AREA.</p> <p>CAMP B (IMMEDIATELY NNW AT UTM) --</p> <p>1 BARRACKS, 1 ADMINISTRATION, AND 2 SUPPORT BUILDINGS.</p>	2057N 10128E	0616		121-A
<p>SAM NEUA MILITARY AREAS</p> <p>FOUR MILITARY AREAS REFERENCED FROM SAM NEUA.</p> <p>AREA A (SOUTH EDGE AT UTM) --</p> <p>CONTAINS 1 LARGE ADMINISTRATION AND 17 BARRACKS/SUPPORT BUILDINGS PARTIALLY</p> <p>ENCIRCLED BY A TRENCH.</p>	2025N 10403E	0616		136-C

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AREA B (0.3 NM WEST AT UTM [REDACTED] --
CONTAINS 4 LARGE STORAGE BUILDINGS (2
SERVED BY A MOTORABLE ROAD).
AREA C (0.2 NM EAST ON NORTH SIDE OF ROUTE AT
UTM [REDACTED] -- CONTAINS 1 PROBABLE BARRACKS
AND 3 SUPPORT BUILDINGS PARTIALLY ENCLOSED
BY A SAWTOOTH TRENCH.
AREA D (WEST EDGE AT UTM [REDACTED] --
CONTAINS 3 T-SHAPED PROBABLE BARRACKS, 1
LARGE U-SHAPED ADMINISTRATION, AND 8 SUPPORT
BUILDINGS.

MUONG SING MILITARY AREA
MUONG SING AND VICINITY.
MILITARY AREA COMPRISES A CITADEL SURROUNDED
BY A MOAT IN SE SECTION OF MUONG SING WITH
3 BARRACKS-TYPE, 1 ADMINISTRATION-TYPE,
3 SUPPORT, AND 1 MAINTENANCE/STORAGE
BUILDING. IMMEDIATELY NE OUTSIDE CITADEL
ARE 3 BARRACKS-TYPE, 1 ADMINISTRATION-TYPE,
AND 3 STORAGE/SUPPORT BUILDINGS. TRENCHING
OBSERVED THROUGHOUT AREA.

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>PHONG SALY BARRACKS AREA 0.1 NM NORTH OF PHONG SALY. A SMALL PROBABLE MILITARY AREA CONTAINS 3 BARRACKS AND 8 STORAGE/SUPPORT BUILDINGS.</p> <p>[REDACTED]</p> <p>-NORTH VIETNAM-</p>	2141N 10206E	0616	25X1A [REDACTED]	134-B
<p>MISSILES</p> <p>THANH HOA SAM SITE C02B-2 25X1D 25X1D 22 NM NNE OF THANH HOA AT 20-10-[REDACTED]N 105-52-[REDACTED]E. FIELD SAM SITE LOCATED IN PROBABLE TEA PLANTATION CONSISTS OF AT LEAST 3 UNRETTED LAUNCH POSITIONS AND AN UNRETTED GUIDANCE AREA. OB -- 3 LAUNCHERS (2 WITH MISSILES), 2 ADDITIONAL PROBABLE LAUNCHERS, AND 1 CAMOUFLAGED POSSIBLE FAN SONG RADAR. ACTIVITY -- 7 CAMOUFLAGED VEHICLES/VAN TRAILERS AND SEVERAL UNIDENTIFIED PIECES OF EQUIPMENT IN IMMEDIATE VICINITY.</p> <p>[REDACTED]</p>	2010N 10552E	0616	25X1A [REDACTED]	231-I
<p>AIR INSTALLATIONS</p> <p>DIEN BIEN PHU AIRFIELD 0.5 NM NORTH OF DIEN BIEN PHU. APPROXIMATELY 4,600 X 90 FT NNW/SSE ASPHALT AND LATERITE RUNWAY WITH MANY BOMB CRATERS, UNSERVICEABLE. AIRFIELD HAS BEEN SUBJECTED TO MANY AIR STRIKES. ALL RECONSTRUCTION HAS STOPPED.</p>	2123N 10301E	0616	25X1A [REDACTED]	105

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>FACILITIES INCLUDE 1 DAMAGED ADMINISTRATION BUILDING, 2 SUPPORT BUILDINGS, AND A WEATHER STATION.</p> <p>OB -- NONE OBSERVED.</p> <p>[REDACTED]</p>				
<p>25X1D</p> <p>NGHIA LO AIRFIELD</p> <p>SW EDGE OF NGHIA LO.</p> <p>2,000 X 130 FT NNE/SSW GRADED EARTH RUNWAY WITH 4 BOMB CRATERS ON WESTERN END, PROBABLY SERVICEABLE.</p> <p>OB -- NONE OBSERVED.</p> <p>[REDACTED]</p>	2136N 10430E	0616	25X1A [REDACTED]	133-A
<p>25X1D</p> <p>PHU THO AIRFIELD</p> <p>0.4 NM SW OF PHU THO.</p> <p>4,600 X 170 FT E/W GRADED EARTH RUNWAY, UNSERVICEABLE, SUBJECTED TO AIR STRIKE. APPROXIMATELY 25 BOMB CRATERS IN RUNWAY SURFACE. RESURFACING OF RUNWAY HAS STOPPED. FACILITIES INCLUDE 2 AIRCRAFT REVETMENTS SOUTH OF RUNWAY. NUMEROUS BUILDINGS ON BOTH SIDES OF RUNWAY HAVE BEEN DAMAGED/DESTROYED.</p> <p>OB -- NONE OBSERVED.</p> <p>[REDACTED]</p>	2123N 10512E	0616	25X1A [REDACTED]	135-C

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>BAI THUONG AIRFIELD 25X1D</p> <p>5 NM EAST OF BAI THUONG AT UTM [REDACTED]</p> <p>6,600 X 200 FT NW/SE RUNWAY UNDER CONSTRUCTION.</p> <p>RUNWAY SUB-SURFACING CONTINUES AT A SLOW PACE. INITIAL APPLICATION OF THE FINAL RUNWAY SURFACE IS OBSERVED BEGINNING ON SE END OF RUNWAY. EXTENSIVE DRAINAGE PATTERNS ARE STILL APPARENT.</p> <p>INITIAL GRADING AND FOUNDATION EXCAVATIONS HAVE BEGUN ON TAXIWAY WHICH WILL PARALLEL THE SOUTH SIDE OF THE RUNWAY. CONCRETE DRAINAGE PIPE BEING PLACED THROUGH TAXIWAY. TEN AIRCRAFT REVETMENTS (5 ON EACH END) HAVE BEEN CONSTRUCTED AND WILL BE CONNECTED BY TAXIWAY.</p> <p>ACTIVITY -- SEVERAL PIECES OF CONSTRUCTION EQUIPMENT OBSERVED.</p> <p>[REDACTED]</p>	1954N 10528E	0617	25X1A [REDACTED]	150-A
<p>MILITARY INSTALLATIONS</p> <p>NGHIA LO ARMY BARRACKS</p> <p>IN NGHIA LO VICINITY.</p> <p>FOUR ASSOCIATED BARRACKS AREAS REFERENCED FROM NGHIA LO.</p> <p>AREA A (IMMEDIATELY SW AT UTM [REDACTED] -- APPROXIMATELY 40 BARRACKS AND 5 ADMINISTRATION-TYPE BUILDINGS.</p> <p>AREA B (0.5 NM SE AT UTM [REDACTED] -- APPROXIMATELY 40 BARRACKS, 1 U-SHAPED ADMINISTRATION (BEING DISMANTLED), AND</p>	2136N 10430E	0616	25X1A [REDACTED]	133-B

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	APPROXIMATELY 45 STORAGE/SUPPORT BUILDINGS.	1742N 10629E	0617	25X1A	288
25X1D	AREA C (1 NM SSW AT UTM [REDACTED]) -- 3 BARRACKS AND 2 SUPPORT BUILDINGS.				
25X1D	AREA D (4.5 NM SE AT UTM [REDACTED]) -- 5 PROBABLE BARRACKS AND 1 ADMINISTRATION BUILDING.				
25X1D	[REDACTED]				
25X1D	QUANG KHE NAVAL BASE CUU DINH THREE SEPARATE AREAS ON THE NORTH AND SOUTH BANKS OF SONG GIANG (RIVER).				
25X1D	AREA A (ON NORTH BANK AT UTM [REDACTED]) -- FACILITY IS ABANDONED. ONE T-HEAD PIER AND 1 MODERATELY DAMAGED AND 4 SEVERELY DAMAGED BUILDINGS REMAIN.				
25X1D	AREA B (ON SOUTH BANK AT UTM [REDACTED]) -- 1 L-SHAPED AND 2 SMALL FINGER PIERS SLIGHTLY DAMAGED AND 18 BARRACKS/STORAGE, 2 ADMINISTRATION, 1 LARGE M-SHAPED STORAGE, AND 14 SUPPORT BUILDINGS. ALL BUILDINGS ARE DAMAGED.				
25X1D	AREA C (ON SOUTH BANK JUST EAST OF AREA B AT UTM [REDACTED]) -- 6 BARRACKS-TYPE (2 BEING DISMANTLED), 2 ADMINISTRATION-TYPE (1 BEING DISMANTLED), 1 MESSHALL BEING DISMANTLED, AND 2 SMALL SUPPORT BUILDINGS.				
25X1D	[REDACTED]				

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
YEN SON AMMUNITION DEPOT 3.2 NM EAST OF YEN SON AT UTM [REDACTED] AREA HAS BEEN SUBJECTED TO AIR STRIKE. ALL BUILDINGS ARE NOW DAMAGED/DESTROYED. AREA APPEARS ABANDONED.	2135N 10459E	0616	25X1A [REDACTED]	464
DIEN BIEN PHU HQ 316 INFANTRY BRIGADE TEN SMALL MILITARY AREAS REFERENCED FROM CENTER OF DIEN BIEN PHU AIRFIELD. AREA A (1.2 NM NNW AT UTM [REDACTED] -- AREA RAZED. AREA B (1.2 NM NW AT UTM [REDACTED] -- 6 BARRACKS, 1 ADMINISTRATION, 2 STORAGE (1 WITH MONITOR ROOF), AND 4 MISCELLANEOUS BUILDINGS. AREA C (0.7 NM NE AT UTM [REDACTED]) -- ONE BUILDING REMAINS INTACT AND 8 ARE DAMAGED. AREA D (1.1 NM ENE AT UTM [REDACTED]) -- SUBJECTED TO AIR STRIKE. ONE PARTIALLY DAMAGED PROBABLE ADMINISTRATION BUILDING AND 3 PROBABLE AMMUNITION STORAGE BUILDINGS REMAIN. AREA E (0.3 NM SOUTH AT UTM [REDACTED] -- ONE DAMAGED BUILDING REMAINS. AREA F (0.5 NM EAST AT UTM [REDACTED]) -- 2 LARGE AND 3 SMALL ADMINISTRATION, 1 MESSHALL, AND 1 LARGE STORAGE BUILDING REMAIN. AREA G (1 NM ESE AT UTM [REDACTED]) -- AREA COMPLETELY DISMANTLED/DESTROYED. AREA H (0.8 NM SSE AT UTM [REDACTED]) -- AREA SUBJECTED TO AIR STRIKE. TEN DAMAGED BUILDINGS REMAIN. AREA I (1.6 NM SSE AT UTM [REDACTED]) -- 7 BARRACKS, 5 SUPPORT BUILDINGS, AND NUMEROUS SMALL SHACKS REMAIN.	2119N 10301E	0616	25X1A [REDACTED]	105-A

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
25X1D AREA J CAT DIEN BIEN PHU AT UTM [REDACTED] -- AREA SUBJECTED TO AIR STRIKE. TEN SCATTERED PARTIALLY DAMAGED BUILDINGS REMAIN. [REDACTED]				

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APPENDIX

COLUMN HEADINGS

City, Installation--This column contains the name of the city or town nearest the installation, followed by the name of the installation. If the name of the installation is not known, it is titled according to its function. Where appropriate, the city and installation names are followed by a capsule description.

Coordinates--Coordinates are referenced to the SW corner of the minute square. When the subject installation covers a wide area, coordinates are given for the approximate center of the installation.

WAC--This column provides the World Aeronautical Chart number for that area in which the subject installation is situated.

Installation Numbers--This column is divided into two subcolumns. The first subcolumn lists, when known, the BE installation number assigned to the installation. The second subcolumn lists the installation number assigned by NPIC. Installation numbers, when used to reference an item, should be prefixed by the appropriate WAC number, since installation numbers are repeated from WAC to WAC. For example, there is an NPIC target number 0468-15-A and an NPIC target number 0467-15-A. In each instance, the NPIC installation number is 15-A, but the installations appear on different WAC charts.

COMOR TARGET NUMBERS

COMOR target numbers, when available, are listed directly above the photo reference data.

PHOTO REFERENCE DATA

The photo reference data indicates the frame(s) on which the installation appears.

CONDITIONS AFFECTING PHOTOGRAPHY

Following the photo reference data, symbols indicate conditions which affect the appearance of the installation on the photography. The symbols are: C (clear), SC (scattered cloud cover), H (haze), CS (cloud shadow), HC (heavy cloud cover), SD (semidarkness), S (snow), O (obliquity), GC (ground cover), CF (camouflage), and GR (ground resolution).

Interpretability of the photography is categorized as G (good), F (fair), or P (poor).

Target coverage is denoted by the symbols T (total) or PT (partial).

The mode of coverage is indicated by ST (stereo), NS (nonstereo), or PS (partial stereo).

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